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NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	FEB 28	PATDPAFULL - New display fields provide for legal status data from INPADOC
NEWS	4	FEB 28	BABS - Current-awareness alerts (SDIs) available
NEWS	5	MAR 02	GBFULL: New full-text patent database on STN
NEWS	6	MAR 03	REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 22	KOREAPAT now updated monthly; patent information enhanced
NEWS	9	MAR 22	Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS	10	MAR 22	PATDPASPC - New patent database available
NEWS	11	MAR 22	REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS	12	APR 04	EPFULL enhanced with additional patent information and new fields
NEWS	13	APR 04	EMBASE - Database reloaded and enhanced
NEWS	14	APR 18	New CAS Information Use Policies available online
NEWS	15	APR 25	Patent searching, including current-awareness alerts (SDIs), based on application date in CA/CAplus and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications.
NEWS	16	APR 28	Improved searching of U.S. Patent Classifications for U.S. patent records in CA/CAplus
NEWS	17	MAY 23	GBFULL enhanced with patent drawing images
NEWS	18	MAY 23	REGISTRY has been enhanced with source information from CHEMCATS
NEWS	19	JUN 06	STN Patent Forums to be held in June 2005
NEWS	20	JUN 06	The Analysis Edition of STN Express with Discover! (Version 8.0 for Windows) now available
NEWS	21	JUN 13	RUSSIAPAT: New full-text patent database on STN
NEWS	22	JUN 13	FRFULL enhanced with patent drawing images
NEWS	23	JUN 20	MEDICONF to be removed from STN
NEWS	24	JUN 27	MARPAT displays enhanced with expanded G-group definitions and text labels
NEWS	25	JUL 01	MEDICONF removed from STN

NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

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FILE 'HOME' ENTERED AT 17:35:23 ON 05 JUL 2005

=> file caplus

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FILE COVERS 1907 - 5 Jul 2005 VOL 143 ISS 2
FILE LAST UPDATED: 4 Jul 2005 (20050704/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s thermal stability and fischer tropsch
        990887 THERMAL
            68 THERMALS
        990918 THERMAL
                  (THERMAL OR THERMALS)
        618612 STABILITY
         23632 STABILITIES
        630126 STABILITY
                  (STABILITY OR STABILITIES)
         85523 THERMAL STABILITY
                  (THERMAL(W)STABILITY)
         22721 FISCHER
            15 FISCHERS
         22733 FISCHER
                  (FISCHER OR FISCHERS)
          7529 TROPSCH
          7433 FISCHER TROPSCH
                  (FISCHER(W)TROPSCH)
L1          33 THERMAL STABILITY AND FISCHER TROPSCH

=> l1 and aluminum
L1 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
```

For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s l1 and aluminum
        880966 ALUMINUM
           297 ALUMINUMS
        881028 ALUMINUM
                  (ALUMINUM OR ALUMINUMS)
L2   4 L1 AND ALUMINUM

=> d l2 ibib ab

L2   ANSWER 1 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:14506 CAPLUS
DOCUMENT NUMBER: 142:117338
TITLE: Stable, moderately unsaturated distillate fuel blend
                          stocks prepared by low pressure hydroprocessing of
                          Fischer-Tropsch products
INVENTOR(S):   Miller, Stephen J.; O'Rear, Dennis J.; Chau, Angela
PATENT ASSIGNEE(S):   Chevron U.S.A. Inc., USA
SOURCE: PCT Int. Appl., 54 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005001002	A2	20050106	WO 2004-US19252	20040616
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
NL 1026460	A1	20041221	NL 2004-1026460	20040618

PRIORITY APPLN. INFO.: US 2003-464635 A 20030619

AB The invention relates to a distillate fuel comprising a stable, low sulfur, highly paraffinic, moderately unsatd. distillate fuel blend stock. The highly paraffinic, moderately unsatd. distillate fuel blend stock exhibits excellent combustion properties in diesel and jet engines as a result of the high paraffin content. The blend stock is preferably prepared from a **Fischer-Tropsch** derived product that is hydroprocessed under conditions during which a moderate amount of unsaturates are formed or retained.

=> dl2 2-4
DL2 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> d l2 ibib ab 2-4

L2   ANSWER 2 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:759595 CAPLUS

DOCUMENT NUMBER: 141:231374
TITLE: Mesoporous **aluminum** oxide, preparation and use thereof
INVENTOR(S): Shan, Zhiping; Jansen, Jacobus Cornelius; Yeh, Chuen Y.; Angevine, Philip J.; Maschmeyer, Thomas
PATENT ASSIGNEE(S): ABB Lummus Global Inc., USA
SOURCE: U.S. Pat. Appl. Publ., 25 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004179996	A1	20040916	US 2004-795771	20040308
PRIORITY APPLN. INFO.:			US 2003-454207P P	20030312

AB Mesoporous **aluminum** oxides with high surface areas were synthesized using inexpensive, small organic templating agents instead of surfactants. Optionally, some of the **aluminum** can be framework-substituted by one or more other elements. The material has high **thermal stability** and possesses a three-dimensionally randomly connected mesopore network with continuously tunable pore sizes. This material can be used as catalysts for dehydration, hydrotreating, hydrogenation, catalytic reforming, steam reforming, amination, **Fischer-Tropsch** synthesis and Diels-Alder synthesis, etc.

L2 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:430777 CAPLUS
DOCUMENT NUMBER: 140:393176
TITLE: Improved supports for high surface area catalysts
INVENTOR(S): Espinoza, Rafael L.; Fraenkel, Dan; Coy, Kevin L.
PATENT ASSIGNEE(S): ConocoPhillips Company, USA
SOURCE: PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004043583	A2	20040527	WO 2003-US35901	20031112
WO 2004043583	A3	20040715		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2004132832	A1	20040708	US 2003-706202	20031112
PRIORITY APPLN. INFO.:			US 2002-425383P P	20021111

AB The present invention relates to thermally stable, high surface area alumina supports and a method of preparing such supports with at least one modifying agent. The method includes adding an **aluminum** modifying agent to the alumina prior to calcining. The inventive support has **thermal stability** at temps. above 800 °C.
A more specific embodiment of the invention is a catalyst having a high

surface area, thermally stable alumina support with at least one group VIII metal or rhenium and an optional promoter loaded onto the support. The present invention further relates to gas-to-liqs. conversion processes, more specifically for producing C5+ hydrocarbons.

L2 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:480711 CAPLUS
DOCUMENT NUMBER: 135:62995
TITLE: Highly active **Fischer-Tropsch** synthesis using a doped, thermally stable γ-alumina catalyst support
INVENTOR(S): Singleton, Alan H.; Oukaci, Rachid
PATENT ASSIGNEE(S): Energy International Corporation, USA
SOURCE: U.S., 9 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6255358	B1	20010703	US 2000-528163	20000317
CA 2403087	AA	20010927	CA 2001-2403087	20010314
WO 2001070394	A2	20010927	WO 2001-US8155	20010314
WO 2001070394	A3	20020314		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 2001045713	A5	20011003	AU 2001-45713	20010314
EP 1263531	A2	20021211	EP 2001-918662	20010314
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003531716	T2	20031028	JP 2001-568579	20010314
BR 2001009337	A	20041207	BR 2001-9337	20010314
US 2001031793	A1	20011018	US 2001-810790	20010316
US 6537945	B2	20030325		
EG 22430	A	20030129	EG 2001-257	20010317
NO 2002004441	A	20021028	NO 2002-4441	20020917
PRIORITY APPLN. INFO.:			US 2000-528163 A	20000317
			WO 2001-US8155 W	20010314

AB A method of **Fischer-Tropsch** hydrocarbon synthesis comprising reacting synthesis gas in a **Fischer-Tropsch** reaction system in the presence of a catalyst comprising: a γ-alumina support having an internal structure comprising γ-alumina and a controlled amount of a dopant, selected a lanthanum dopant, a barium dopant, and combinations of both, and an amount of cobalt on the doped γ-alumina support, effective for the **Fischer-Tropsch** hydrocarbon synthesis, where the controlled amount of dopant is an amount effective for increasing the **thermal stability** of the catalyst without reducing its activity.

REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT